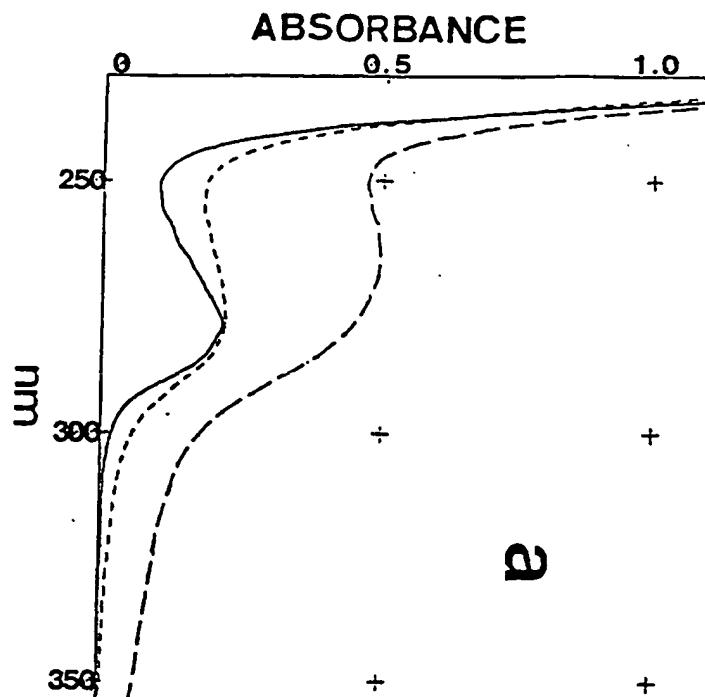
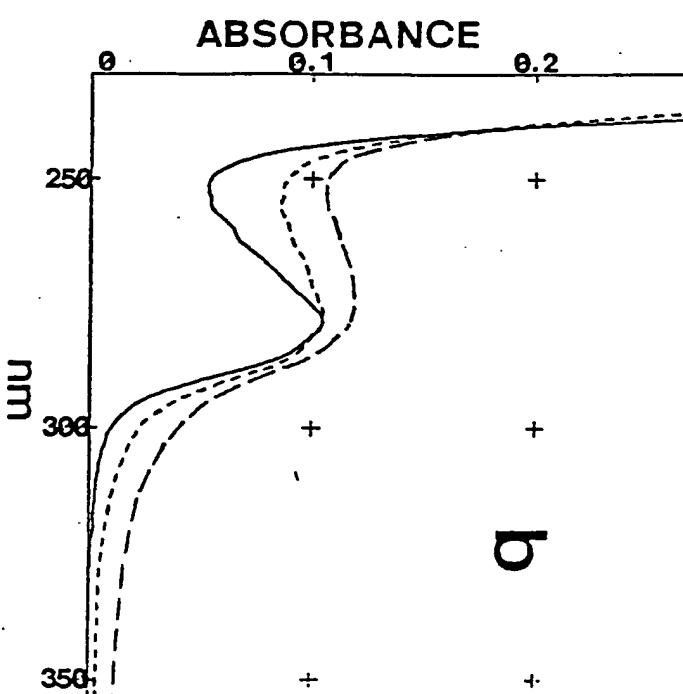


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a

FIGURE 1B



b

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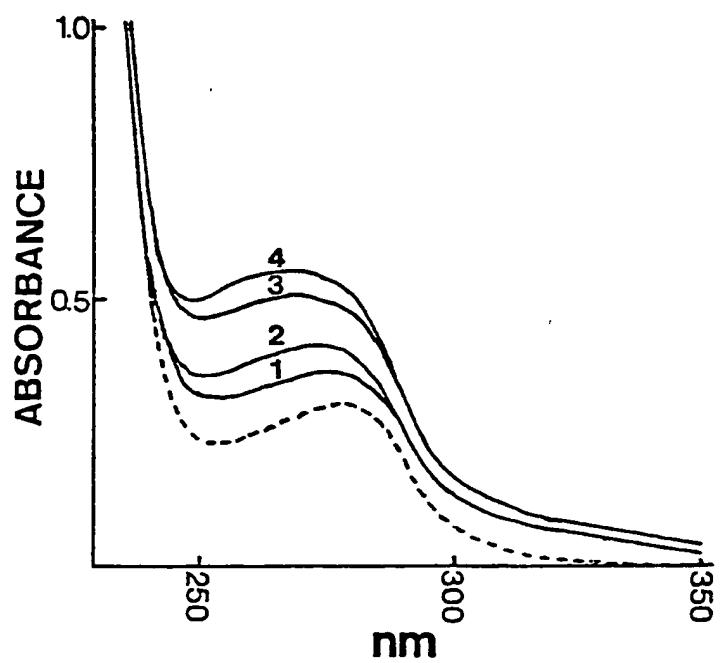


FIGURE 2

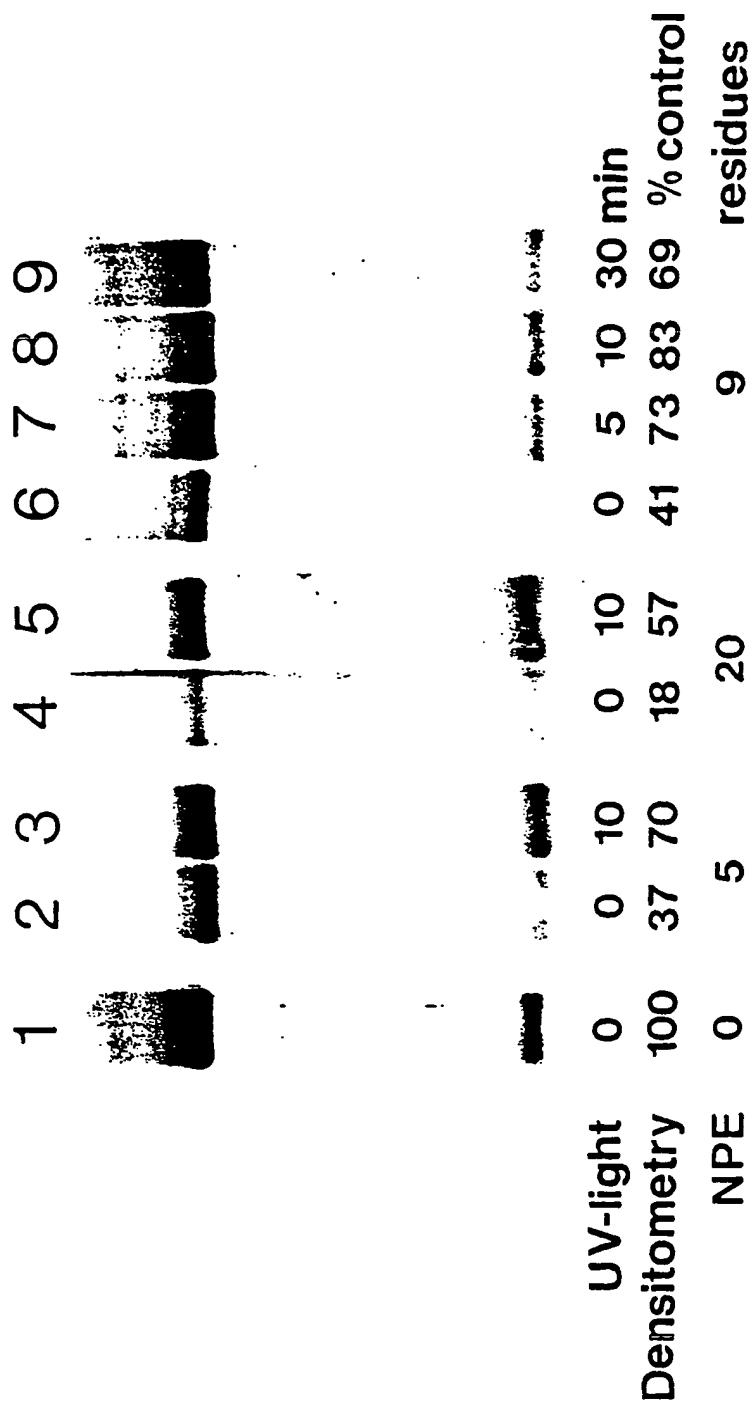


FIGURE 3

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FIGURE 4A

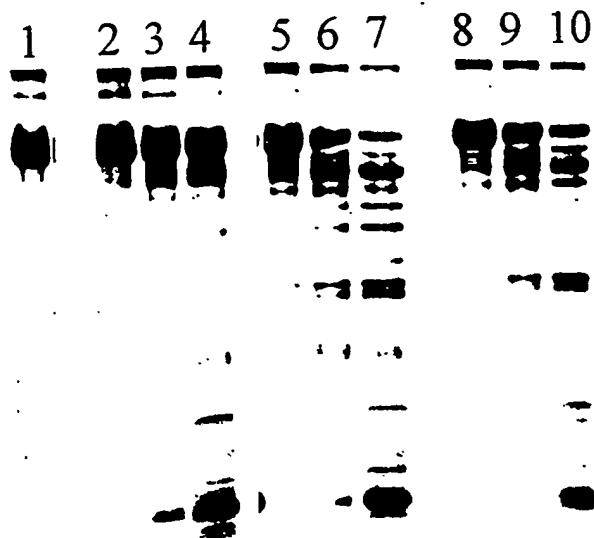
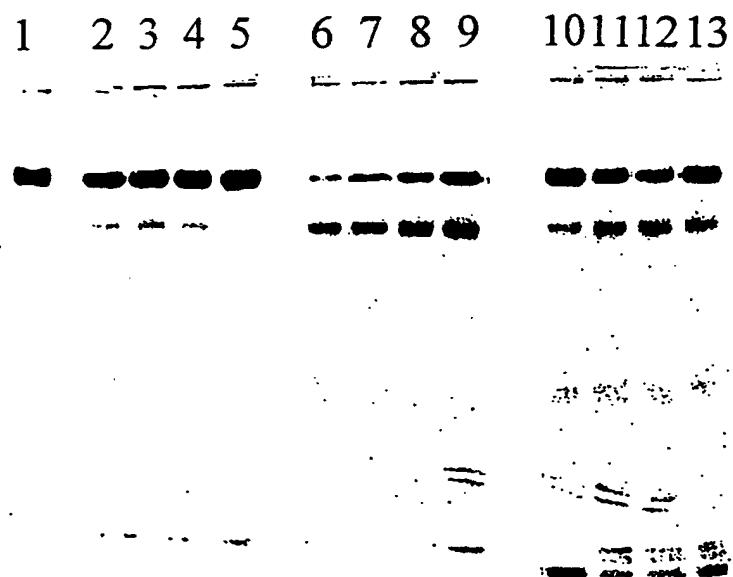


FIGURE 4B



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TABLE 1

Average No. of NPE residues per IgG				
UV-light (min)	0	5	20	
	100	30	18	
	93	45	32	
	77	55	60	
	61	23	16	

TABLE 2

Average No. of NPE residues per goat IgG									
UV-light (min)	0				30				
	0	100	100	100	4	3	1.6	0.7	0.5
	5	79	86	67	18	14	10	7	5
	10	74	71	59	23	26	18	13	10
	15	73	68	57	26	30	26	34	24

TABLE 3

μl of-NPE carbonyl chloride added to enzyme	No. of res of NPE per enzyme molecule				
	0	0	0	0	0
	5	1.4	2.7	-	-
	10	-	-	8.1	9.5
	20	5.3	7.1	-	-
	25	-	-	10.7	22.0
	50	11.4	19.7	14.9	-
% Enzyme activity retained					
0	4.5	4	5	3.5	
5	21	11	-	-	
10	-	-	12	12	
20	39	13	-	-	
25	-	-	14	7	
50	25	9	10	-	

TABLE 4

μl of-NPE carbonyl chloride added to enzyme	No. of res of NPE per enzyme molecule		
	pH	6.2	7.5
	0	0	0
20		1.2	2.5
50		3.5	5.6
% Enzyme activity retained			
pH	% Enzyme activity retained		
	0	39	23
	20	44	43
	50	49	55